

## Claims:

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1. A multilayer film comprising the following sequence of layers:
    - A) a basis layer of foamed propylene homo- and/or copolymer or mixtures thereof,
    - B) a layer based on at least one of the polyolefins of the foam layer A),
    - C) optionally a tie layer based on a polyolefin
    - D) optionally an adhesive layer,
    - E) optionally a gas- and/or flavortight barrier layer,
    - F) an adhesive layer,
    - G) an optionally sealable or peelable surface layer,

whereby the total thickness of layers A) and B) ranges from 0,5 to 2 mm and the thickness of layer B) ranges from  $\frac{1}{6}$  to  $\frac{1}{2}$  of the thickness of layer A).

2. A multilayer film according to claim 1, characterized in that the total thickness of layers A) and B) ranges from 0,6 to 1,4 mm.
3. A multilayer film according to claim 1 or 2, characterized in that the thickness of layer B) ranges from  $\frac{1}{6}$  to  $\frac{1}{3}$  of the thickness of layer A).
4. A multilayer film according to one or more of the claims 1 to 3, characterized in that layer A) is made of a foamed mixture of polypropylene with long chain branching and a propylene-ethylene-blockcopolymer.
5. A multilayer film according to one or more of the claims 1 to 4, characterized in that layer B) is made of polypropylene or a propylene-ethylene-copolymer.
6. A multilayer film according to one or more of the claims 1 to 5, characterized in that layer C) is made of a polyolefin based on the monomer that is the main monomer of the polyolefins of foam layer A).

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7. A multilayer film according to claim 6, characterized in that the polyolefin is polypropylene.
  8. A multilayer film according to one or more of the claims 1 to 7, characterized in that layer E) is made of ethylene-vinylalcohol-copolymer.
  9. A multilayer film according to one or more of the claims 1 to 8, characterized in that layer G) is made of a sealable polymer and optionally contains the known additives.
  10. A multilayer film according to claim 9, characterized in that layer G) is made of a low density polyethylene or an ionomer
  11. A multilayer film according to one or more of claims 1 to 10, characterized in that layer G) is made of a peelable polymer and optionally contains the known additives.
  12. A multilayer film according to claim 11, characterized in that layer G) is made of a mixture of low density polyethylene and a polybutylene
  13. A multilayer film according to one or more of claims 1 to 12, characterized in that the total thickness of layers C) to G) ranges from 20 to 70  $\mu\text{m}$ .
  14. A multilayer film according to claim 13, characterized in that the total thickness is 30 to 50  $\mu\text{m}$ .
  15. Use of the multilayer film according to one or more of claims 1 to 14 as packaging material.
  16. Packaging item made of a film according to claims 1 to 14.
  17. Packaging tray made of a film according to claims 1 to 14.
  18. Packaging item according to claim 16 or 17 for packaging food.

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19. Packaging item according to claim 18 for packaging meat, sausage, cheese.
20. Use of a film according to one or more claims 1 to 14 as packaging material on form-, fill- and sealing packaging machines.
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